



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
2170 SW Canal Street
Stuart, FL 34997

REPLY TO
ATTENTION OF

Regulatory Division
Special Projects and Enforcement Branch
SAJ-2007-520 (NW-AAZ)

MAY 09 2007

Florida Department of Transportation, District 4
Attn: Georgi Celusnek
3400 West Commercial Boulevard
Fort Lauderdale, FL 33309

Dear Ms. Celusnek:

Your application for a Department of the Army permit received on December 12, 2006, has been assigned number SAJ-2007-520 (NW-AAZ). A review of the information and drawings provided shows the proposed work involves modifying the existing Harbour Isles entrance by constructing a Round-A-Bout and modifying the storm water discharge system. The road activities include removing the existing entrance road and constructing a Round-A-Bout with a sidewalk within uplands on State Road A1A in Hutchinson Island. The modifications to the storm water discharge system involve installing a grated culvert into an existing box culvert, which would reroute the surface water from the roadside swale into the outfall structure. All water will be treated in the existing storm water management system prior to discharge into the Indian River. The project is located along State Road A1A on Hutchinson Island, Fort Pierce in Section 2, Township 35 South, Range 40 East, St. Lucie County, Florida.

The Supreme Court handed down a decision on June 19, 2006, in the Rapanos and Carabell cases. That decision addresses the scope of Clean Water Act jurisdiction over certain waters of the United States, including wetlands. We anticipate that the decision will lead the Corps and the U.S. Environmental Protection Agency to make some changes in our scope of jurisdiction.

Your project includes activities, which are regulated under the current interpretation of Federal jurisdiction under Section 404 of the Clean Water Act. Your project includes special conditions that require compensatory mitigation for impacts to areas of Federal jurisdiction. Any changes to our scope of jurisdiction could require reassessment of these mitigation requirements and/or other project modification. You will have an

opportunity to re-address the terms or conditions of this authorization following issuance of the anticipated EPA/Army substantive Rapanos/Carabell guidance, if such guidance affects Federal jurisdiction on your permit site.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 7. In addition, project specific conditions have been enclosed. This verification is valid until **May 9, 2009**. Please access the U.S. Army Corps of Engineers' Jacksonville District's Regulatory web address at <http://www.saj.usace.army.mil/permit/permitting/nwp.htm> to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register Vol. 72, dated May 8, 2007, and the List of Regional Conditions. These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 7. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form (Attachment 1) to the Corps. The drawings shall be signed and sealed by a registered professional engineer and include the following:

- a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawing should show all "earth disturbance," including wetland impacts, water management structures, and any on-site mitigation areas.

b. List any deviations between the work authorized by this permit and the work as constructed. In the event that the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note that the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.

c. The Department of the Army Permit number.

d. Include pre- and post-construction aerial photographs of the project site, if available.

2. Reduction and/or elimination of turbid water conditions in adjacent water bodies and wetlands are to be achieved through the use of silt curtains or turbidity screens in the construction area during periods of fill placement.

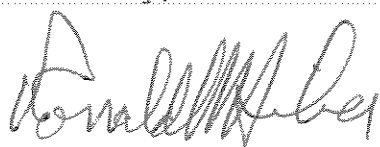
This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under §. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for the use of sovereignty submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Alisa Zarbo by telephone at 772-219-8418, by fax at 772-219-9162 or by email at Alisa.A.Zarbo@saj02.usace.army.mil.

Thank you for your cooperation with our permit program.

Sincerely,



Loren M. Mason
Chief, Special Projects and
Enforcement Branch

Enclosures

Copies Furnished:

CESAJ-RD-PE

Culpepper & Terpening, 2980 South 25th Street, Fort Pierce, FL
34981

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-7
Application Number: SAJ-2007-520

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations): _____

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2007-520

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFeree-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

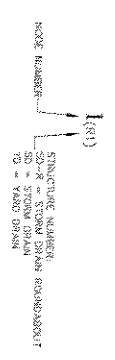
(CITY, STATE, ZIP CODE)

GENERAL CONDITIONS
33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

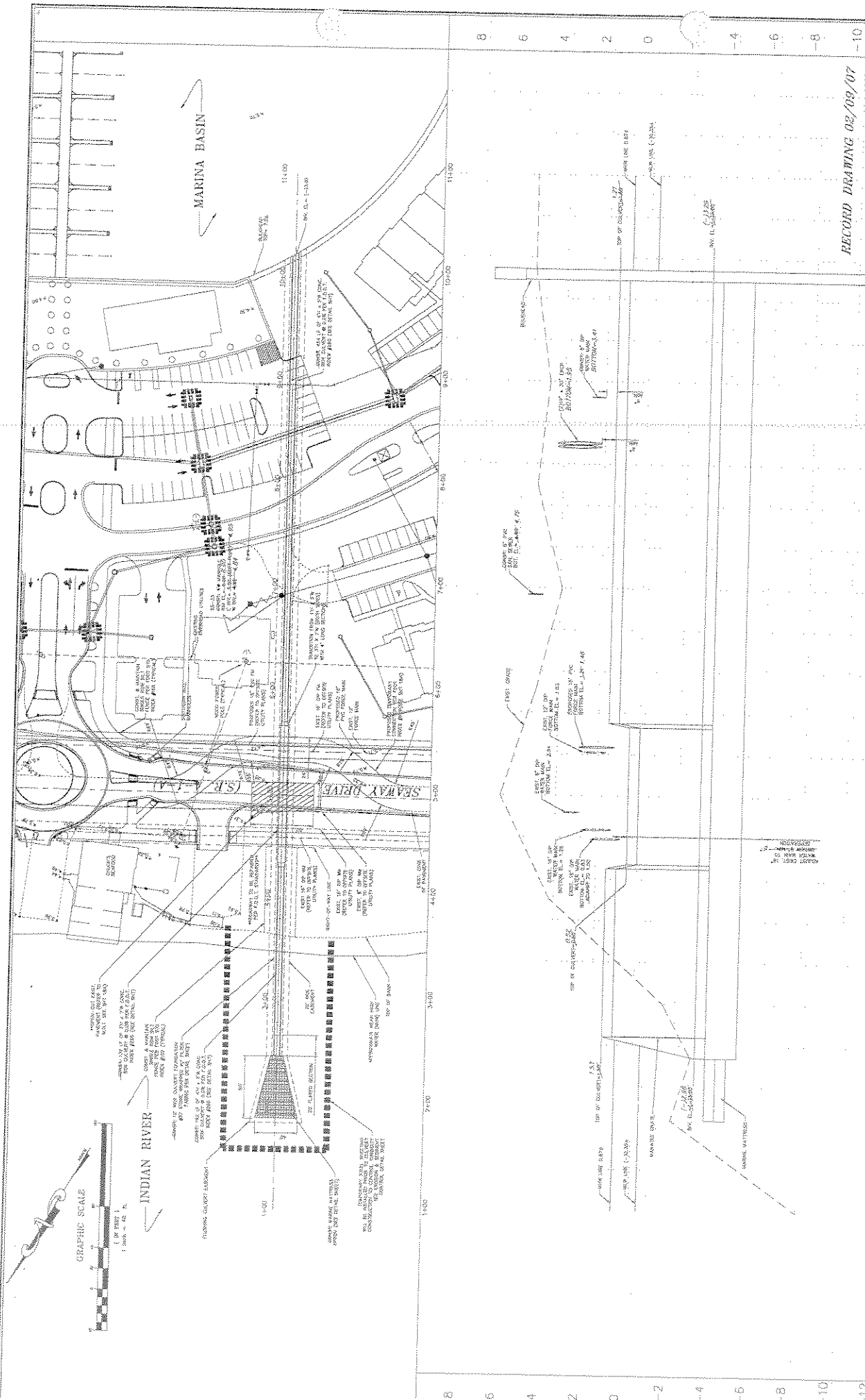
1. The time limit for completing the work authorized ends on date identified in the letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Figure 1 is a schematic diagram of the experimental setup. It shows a subject seated at a table, looking at a video screen. A camera is positioned above the screen. A target is placed on the table. The subject's hand is positioned near the target. The diagram is labeled with (a) and (b).

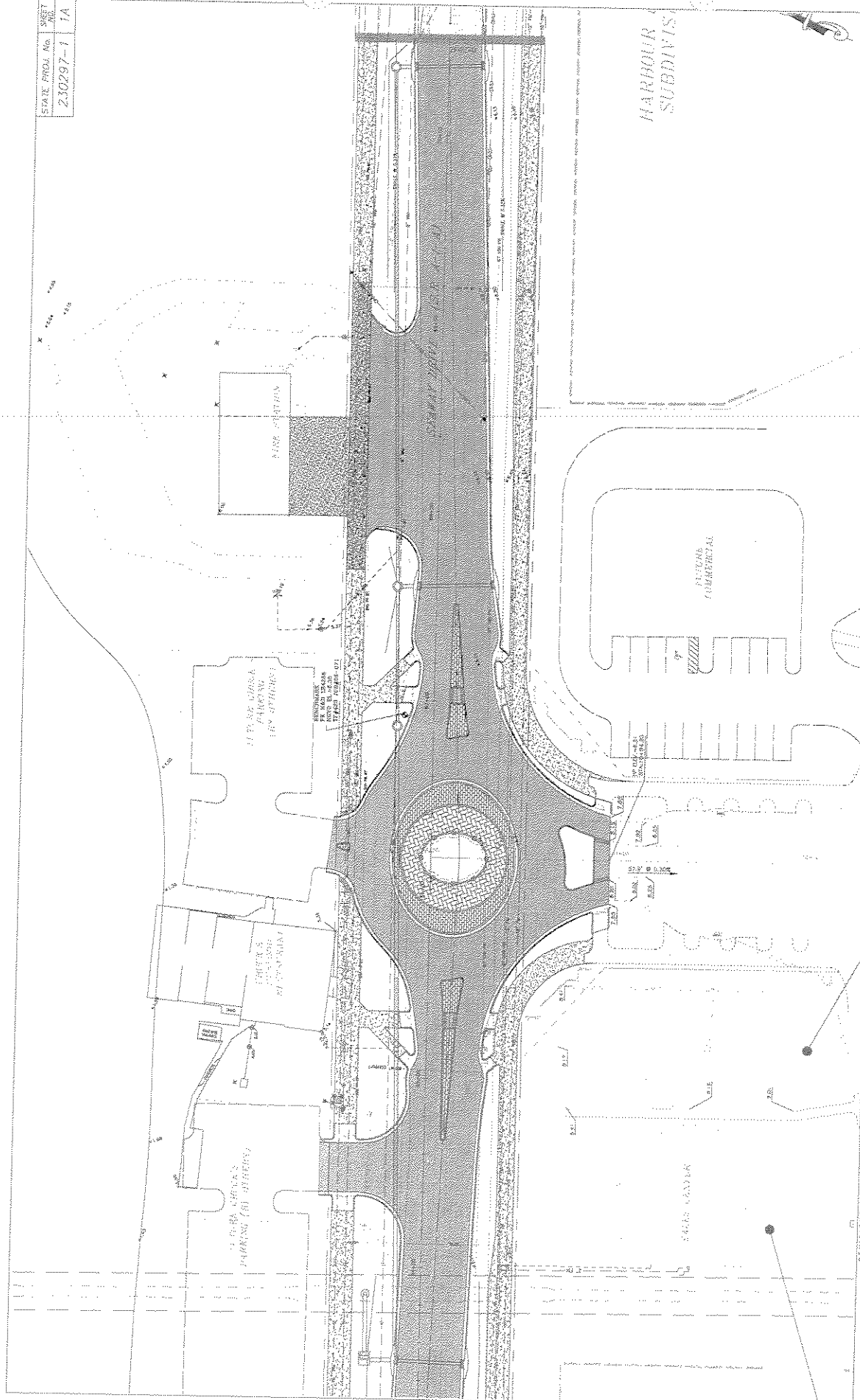


RECEIVED
APPROVED

[illegible]

[illegible]

STATE PROJ. NO.
230297-1
SHEET
1A



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		STEFAN R. MATTHEWS, P.E., P.L. REG. NO. 38773	
ROAD NO. A-1-A	COUNTY ST. LUCIE	PROJECT NO. 230297-1-58-01	SHEET NO.
CONSULTING ENGINEERS GRIFFIN & ASSOCIATES, INC. 2800 S.W. 21st STREET FORT MYERS, FLORIDA 33901		STATE ROAD A-1-A SEAWAY DRIVE & HARBOR ISLE ROUNDABOUT	
ENGINEER'S AUTHORIZATION NO. 4286		EROSION & SEDIMENT CONTROL PLAN	

STATE PROJ. No.
230297-1

SHEET
7

18

LIMITS OF PERMANENT
CONSTRUCTION
BEGIN STA: 61+78.46

SEE PLANS BY LEFT FOR CONTINUATION

16

12

8

4

0

-4

-8

PM STA = 60+00
PVI ELEV = 7.54

PM STA = 61+78.46
PVI ELEV = 7.05

PM STA = 63+49.80
PVI ELEV = 8.05

POL (BY 014483)

POL

EXIST. GROUND

-0.30%

-0.58%

0.30%

SD-R9

SD-R8

SD-R10

CONTROL STRUCTURE

24" ROP

24" ROP

24" SLOTTED ROP

EX-FILTRATION
TRENCH (TYPICAL)

125'

EXISTING 3' x 7'
BOX CULVERT

63+50

64+00

64+50

65+00

66+00

67+00

68+00

69+00

70+00

71+00

72+00

73+00

74+00

75+00

76+00

77+00

VERTICAL DATUM NOTES:
1) ALL ELEVATIONS AND BENCHMARKS SHOWN
HEREON ARE RELATIVE TO THE NATIONAL GEODETIC
VERTICAL DATUM (N.G.V.D.) OF 1929.
2) AN APPROXIMATE CONVERSION BETWEEN THE
NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF
1988 AND N.G.V.D. CAN BE MADE BY SUBTRACTING
1.51 FROM THE N.G.V.D. ELEVATION TO OBTAIN THE
N.A.V.D. ELEVATION.

STEFAN K. WITKOS P.E. REG. NO. 28723

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONSULTING ENGINEERS
&
LAND SURVEYORS
G.F. HILPERD &
TERPENING
INCORPORATED
FORT MYERS, FLORIDA 33904
Engineers Authorization No. 4286

DATE
02/27/05

DATE
02/27/05

DATE
02/27/05

DATE
02/27/05

DATE
02/27/05

STATE ROAD A-1-A SEAWAY DRIVE
& HARBOUR ISLE ROUNDABOUT

PROJECT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

CONTRACT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

CONTRACT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

PROFILE VIEW

PROJECT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

CONTRACT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

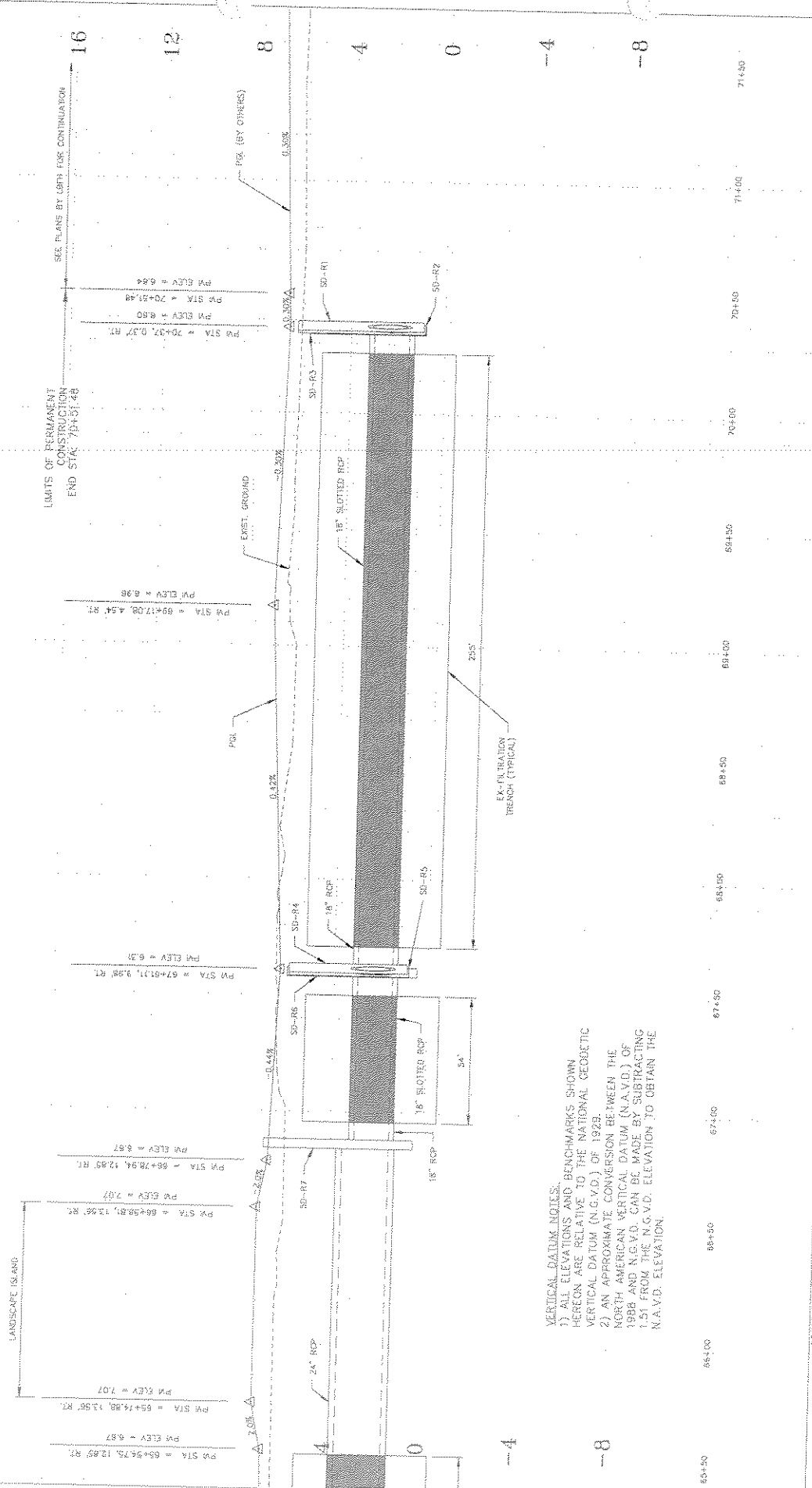
CONTRACT NO.
230297-1-58-01

CONTRACT NO.
A-1-A

CONTRACT NO.
ST. LUCIE

STATE PROJ. NO. 230297-1
SHEET NO. 8

18



VERTICAL DATUM NOTES:
1) ALL ELEVATIONS AND BENCHMARKS SHOWN HEREON ARE RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929.
2) AN APPROXIMATE CONVERSION BETWEEN THE NORTH AMERICAN VERTICAL DATUM (N.A.V.D.) OF 1988 AND N.G.V.D. CAN BE MADE BY SUBTRACTING 1.51 FROM THE N.G.V.D. ELEVATION TO OBTAIN THE N.A.V.D. ELEVATION.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION										STEFAN R. WATKINS P.E. REG. NO. 38923									
CONSULTING ENGINEERS CLIFFEPPER & ASSOCIATES LAND SURVEYORS ENGINEERS ARCHITECTS PLANNERS										STATE ROAD A-1-A SEAWAY DRIVE & HARBOUR ISLE ROUNDABOUT									
ROAD NO. A-1-A										COUNTY ST. LUCIE									
ENGINEERS AUTHORIZATION NO. 4286										PROJECT NO. 230297-1-58-01									
DATE PREPARED 02/27/03										DATE CHECKED 02/27/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									
DATE REVISION 03/12/03										DATE REVISION 03/12/03									

